



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS
SECOND YEAR EXAMINATION FOR THE AWARD OF THE
DIPLOMA IN JOURNALISM AND MASS COMMUNICATION
FIRST SEMESTER 2022/2023
[SEPTEMBER-DECEMBER, 2022]

DJM 0211: AUDIO/SOUND PRODUCTION

STREAM: Y2S1

TIME: 2 HOURS

DAY: THURSDAY, 12:00 – 2:00 PM

DATE: 08/12/2022

INSTRUCTIONS

- 1. Do not write anything on this question paper.**
- 2. Answer question ONE and any other TWO questions.**

QUESTION ONE

- Using a diagram discuss the three microphone pickup patterns. (10 marks)
- Describe an acoustic-treated room. (10 marks)
- State the advantages of using digital recorders over analogue while storing sound. (10 marks)

QUESTION TWO

Describe the studio recording signal flow. (20 marks)

QUESTION THREE

- Describe five types of sound cables commonly used in a recording studio. (10 marks)
- Define distortion and the various reasons for distortion. (10marks)

QUESTION FOUR

- State and explain how characters of sound are measured. (10 marks)
- Discuss the following characteristics of sound waves. (10 marks)
 - Wavelength
 - Amplitude
 - Timbre
 - Frequency

QUESTION FIVE

Define the following terminologies as used in sound production. (20 marks)

- (i) Vibration
- (ii) Velocity
- (iii) Energy conversion
- (iv) Sound balance
- (v) Distortion
- (vi) Fadeout
- (vii) Mixdown
- (viii) Waveform
- (ix) Direct venality